

1 **50733/MJM/E349**

ABSTRACT OF THE DISCLOSURE

5 An optical thick film formed on a photodetector improves the optical coupling
efficiency between the optical fiber and photodetector which are optically coupled.
The optical thick film has a refractive index that is between the refractive index of air
and the refractive index of photodetector upon which the optical matching coating is
disposed. Silicone may advantageously be formed as the optical thick film coating
on the photodetector.

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